

## IE-SW-EL08-8TX

**Weidmüller Interfaces GmbH & Co. KG**

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### Features of EcoLine unmanaged Switch series

- Huge variety of port count and media type enable a wide range of applications (5 to 24 ports)
- Models supporting Gigabit Ethernet including Jumbo Frame support for applications with high demand on bandwidth and latency
- Suitable for use in harsh industrial environment thanks to rugged design and wide operating temperature range of -40°C up to 75°C
- Reliable operation due to redundant voltage inputs, fault relay and LED diagnostics

### General ordering data

Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 8x RJ45, IP30, -40 °C...75 °C
Order No.	<a href="#">2682140000</a>
Type	IE-SW-EL08-8TX
GTIN (EAN)	4050118692570
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	95 mm	Height (inches)	3.74 inch
Width	41 mm	Width (inches)	1.614 inch
Net weight	540 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...75 °C
Humidity	5 to 95 % (non-condensing)		

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## EMC conformity and approvals

EMC standards	EN 55032, EN 55024, CISPR 32, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz bis 1 Ghz: 3 V/m, IEC 61000-4-4 EFT: Power: 0.5 kV; Signal: 0.5 kV, IEC 61000-4-5 Surge: Power: 0,5 kV; Signal: 1 kV, IEC 61000-4-6 CS: 3 Vrms	Free fall	According to IEC 60068-2-31
Safety standard	UL 61010-1, UL 61010-2-201	Shock	according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6		

## Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating altitude	≤ 2000 m
Operating temperature, max.	75 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C

## Guarantee

Time interval	5 years
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## Interfaces

LED indicator	Power LED: PWR1, PWR2, Port LED: LNK/ACT, 10/100M (RJ45 port)	Number of ports	8x RJ45
RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

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## Technical data

## MTBF

MTBF	According to Standard	Telcordia SR-332
	Operating time (hours), min.	1,390,019 h

## Power supply

Connection type	1 removable 4-pin terminal block		
Current consumption	Voltage	24 V DC	
	Current	0.14 A	
Overload current protection	Yes		
Reverse polarity protection	Yes		
Voltage supply	24 V DC, 24 V AC, 2 redundant inputs		
Voltage supply range	Voltage type	DC	
	Voltage, min.	12 V	
	Voltage, max.	48 V	
	Voltage type	AC	
	Voltage, min.	18 V	
	Voltage, max.	36 V	

## Switch characteristics

Bandwidth backplane	1.6 Gbps	MAC table size	1 K
Packet buffer size	448 kbit		

## Technical data

Housing main material	Metal	Protection degree	IP30
Speed	Fast Ethernet	Switch	unmanaged
Type of mounting	DIN rail		

## Technology

Data switching	Store and Forward	Flow control	IEEE 802.3x flow control
Standard	IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BASE-TX, IEEE 802.3x for flow control		

## Classifications

ETIM 6.0	EC000734	ETIM 7.0	EC000734
ETIM 8.0	EC000734	ECLASS 9.0	19-17-01-06
ECLASS 9.1	19-17-01-06	ECLASS 10.0	19-17-04-02
ECLASS 11.0	19-17-04-02	ECLASS 12.0	19-17-04-02

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

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**Data sheet****IE-SW-EL08-8TX****Weidmüller Interfaces GmbH & Co. KG**

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